

10/524385

DT05 Rec'd PCT/PTO 14 FEB 2005

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0551-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	Herewith
Filing Date	Herewith
First Named Inventor	Oh, Jae-Hyuk
Art Unit	
Examiner Name	
Attorney Docket Number	60469-198; OT-5126

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6,554,107 B2	04-29-2003	Yumura, et al.	
		US- 2002/0014373 A1	02-07-2002	LaCarte Estallo	
		US- 6,305,503 B1	10-23-2001	Suzuki, et al.	
		US- 6,079,521	06-27-2000	Schonauer, et al.	
		US- 5,883,345	03-16-1999	Schonauer, et al.	
		US- 5,831,227	11-03-1998	Finn, et al.	
		US- 5,736,695	04-07-1998	Hoepken	
		US- 5,682,024	10-28-1997	Koopman, Jr., et al.	
		US- 5,677,519	10-14-1997	Herkel, et al.	
		US- 5,306,882	04-26-1994	Gerwing, et al.	
		US- 5,223,680	06-29-1993	Schmidt-Milikau, et	
		US- 4,732,238	03-22-1988	Baumgartner	
		US- 4,674,604	06-23-1987	Williams	
		US- 4,375,057	02-22-1983	Weise, et al.	
		US- 3,414,088	12-03-1968	Burns, et al.	
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		EP 0 757 011 A2	02-05-1997	Otis Elevator Co.		

Examiner
SignatureDate
Considered

12/2/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Please type a plus sign (+) inside this box → ☐

PTO/SB/08B (08-00)
 Approved for use through 10/31/2002. OMB 0651-0031
 U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	Herewith
		Filing Date	Herewith
		First Named Inventor	Oh, Jae-Hyuk
		Group Art Unit	
		Examiner Name	
Sheet 2	of 2	Attorney Docket Number	60469-198; OT-5126

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
W		Patent Cooperation Treaty International Search Report for International Application No. PCT/US02/32188, mailed 17/06/2003	
W		Patent Cooperation Treaty International Search Report for International Application No. PCT/US02/32188, mailed 24 Mar 2003	

Examiner Signature		Date Considered	12/2/04
--------------------	---	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.